

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11019488
PUBLICATION DATE : 26-01-99

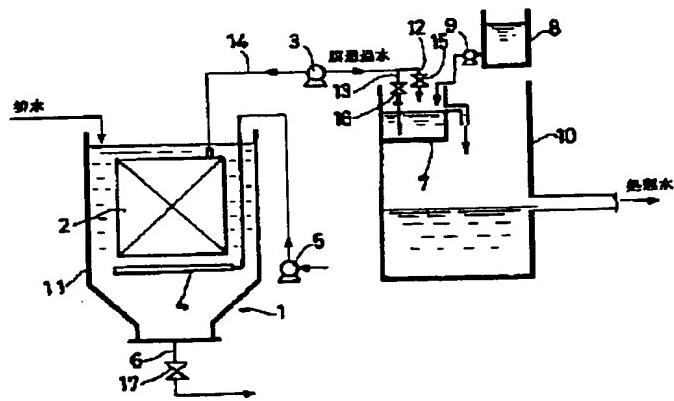
APPLICATION DATE : 01-07-97
APPLICATION NUMBER : 09175458

APPLICANT : HITACHI ZOSEN CORP;

INVENTOR : IWASAKI KOICHI;

INT.CL. : B01D 65/06 C02F 1/44

TITLE : METHOD FOR CLEANING MEMBRANE SEPARATOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a method for easily cleaning the membrane of a membrane separator without need of such troublesome operation that the membrane is pulled out of a membrane separation tank and cleaned with chemicals or that the water in the tank is drawn off and the membrane is cleaned in the tank with chemicals.

SOLUTION: When a pump 3 for sucking the membrane-permeated water from a membrane separation tank 11 is stopped, the membrane 2 of a membrane separator 1 is backwashed with the membrane-permeated water contg. sodium hypochlorite. A normal-flow conduit 12 with the lower end positioned above the water surface of a cushion tank and a backwashing-flow conduit 13 with the lower end dipped in the water in the cushion tank are branched from the tip of a permeated water conduit 14 leading to the cushion tank 7 from the separation tank 11. Consequently, the membrane-permeated water is delivered through the normal-flow conduit 12, and, alternatively, the backwashing water is delivered from the cushion tank through the backwashing-flow conduit 13.

COPYRIGHT: (C)1999,JPO